

**METHOD AND APPARATUS FOR BEZIER CURVE
APPROXIMATION DATA COMPRESSION**

5

ABSTRACT

A method (400) and apparatus (1000) for compressing digital ink such as a hand-drawn object (104) are provided. The hand-drawn object is first prepared (406, 1010) and then Bezier curves based upon the hand-drawn object are generated (408, 1012). The Bezier curve representation (202) of the hand-drawn object (104) is further compressed (418, 1018) by modifying Bezier control points to produce a compressed Bezier curve representation (302) of the hand-drawn object (104).